

ecology and environment, inc.

Global Environmental Specialists

720 Third Avenue, Suite 1700 Seattle, Washington 98104 Tel: (206) 624-9537, Fax: (206) 621-9832

September 30, 2015

Michael Sibley, On-Scene Coordinator United States Environmental Protection Agency 1200 6th Ave., Suite 900 Seattle, WA. 98101

Re:

Contract Number: EP-S7-13-07

Technical Direction Document Number: 15-03-0004

Final Odessa Biodiesel Site-Specific Sampling Plan and Site-Specific Data Management

Plan

Dear Mr. Sibley:

Enclosed please find the final Site-Specific Sampling Plan and Site-Specific Data Management Plan for the Odessa Biodiesel site, which is located in Odessa, WA. If you have any questions regarding this submittal, please call me at (206) 624-9537.

Sincerely,

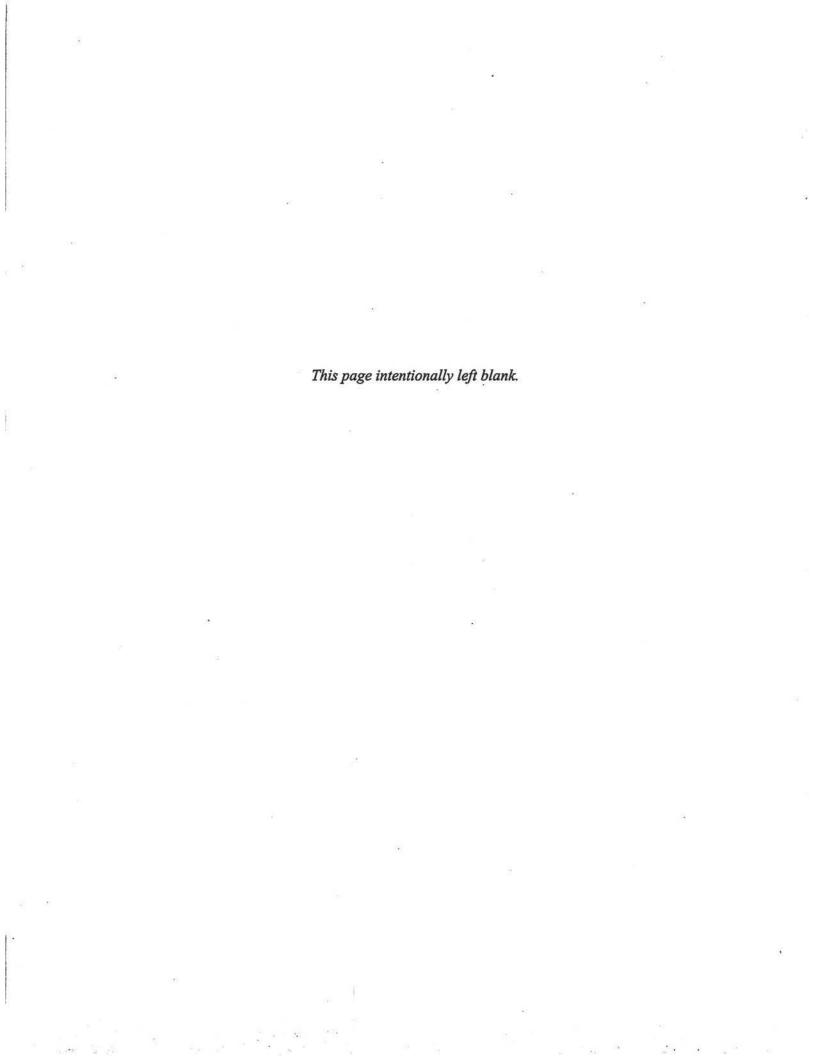
ECOLOGY AND ENVIRONMENT, INC.

Brad Martin

Brad H. Martin

START-IV Project Leader

cc: David Burford, Project Manager, E & E, Seattle, WA





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 10

1200 Sixth Avenue, Suite 900 Seattle, Washington 98101-3140

> OFFICE OF ENVIRONMENTAL CLEANUP EMERGENCY RESPONSE UNIT

Site Specific Sampling Plan

| Project Name: | Odessa Biodiesel Site | Site ID:10NV |
|------------------------|-----------------------|----------------------------------|
| Author: <u>David B</u> | urford Company: E&E | Date Completed: <u>3/19/2015</u> |

This Site Specific Sampling Plan (SSSP) is prepared and used in conjunction with the Quality Assurance Plan (QAP) for the Emergency Response Unit for collecting samples during this Removal Program project. The information contained herein is based on the information available at the time of preparation. As better information becomes available, this SSSP will be adjusted.

When inadequate time is available for preparing the SSSP in advance of the sampling event, a Field Sampling Form may be prepared on-site immediately prior to sampling. This full length version of the SSSP is written after the sampling event and the completed Field Sampling Form attached to it.

The Site Specific Data Management Plan (SSDMP) is included with this SSSP as Attachment 1.

1. Approvals

| Name, Title | Telephone, Email, Address | Signature |
|--|--|--|
| Mike Sibley On-Scene Coordinator | 206-553-1886 Sibley.Michael@epa.gov USEPA-Region 10 1200 6 th Ave., Suite 900 Seattle, WA. 98101 | Massy |
| Kathy Parker EMP Quality Assurance Coordinator | 206-553-0062, parker.kathy@epa.gov, USEPA , M/S: ECL-116, 1200 Sixth Ave. Suite 900, Seattle, WA 98101 | Kathy Parker Digitally signed by Kathy Parker Date: 2015.10.13 08:58:29 -07'00' |

I. Project Management and Organization

2. Personnel and Roles involved in the project:

| Name | Telephone, Email, Company, Address | Project Role | Data Recipient |
|---------------|---|--------------------------------------|-------------------|
| Mike Sibley | 206-553-1886, Sibley.Michael@epa.gov USEPA-Region 10 1200 6 th Ave., Suite 900 Seattle, WA. 98101 | On Scene Coordinator | Yes |
| David Burford | 206-624-9537 x3632, dburford@ene.com Ecology and Environment, Inc. 720 Third Ave, Suite 1700, Seattle, WA 98104 | START Project Manager | Yes |
| Kathy Parker | 206-553-0062, parker.kathy@epa.gov USEPA, M/S: ECL-116, 1200 Sixth Ave. Suite 900, Seattle, WA 98101 | EMP Quality Assurance Coordinator | No |
| Mark Woodke | 206-624-9537, mwoodke@ene.com Ecology and Environment, Inc. 720 Third Ave, Suite 1700, Seattle, WA 98104 | START Quality Assurance Reviewer | No |

| John Fowler | 303-462-9103, Fowler.John@epa.gov EPA NEIC, Building 25 Entrance E-3 Denver CO, 80225 | EPA NEIC Lab Contact | Yes |
|-------------|--|----------------------|-----|
|-------------|--|----------------------|-----|

3. Physical Description and Site Contact Information:

| Site Name | Odessa Biodiesel Si | ite | | | |
|--|--|-----------------------|--|--|--|
| Site Location | The site is located in a lightly populated area on the North side of Odessa, WA site is an abandoned commercial biodiesel facility surrounding by rural resident small commercial establishments, and open rangeland. The site drains to Duck Creek which flows towards the southeast along the western side of the site proof. The site is elevated about 10 feet above the bank of Duck/Crab Creek. The site easily accessible by work trucks by a paved and dirt road. The site work area generally level ground with limited to no vegetation. | | | | |
| Property Size | ~4 acres | | | | |
| Site Contact | Stacy Rasmussen | OPDA | | | |
| Nearest Residents | Adjacent Properties | Direction: North East | | | |
| Primary Land Uses Surrounding the Site | Railroad Access, Residential, Recreational (fishing stream), and Commercial Farming | | | | |

4. The proposed schedule of project work follows:

| Activity | Estimated Start Date | Estimated Completion Date | Comments |
|------------------------------------|-------------------------|---------------------------------|----------|
| SSSP Review/Approval | 3/11/2015 | 3/19/2015 | |
| Mobilize to / Demobilize from Site | 3/17/2015 | 3/25/2015 | |
| Sample Collection | 3/19/2015 | 3/19/2015 | |
| Laboratory Sample Receipt | 3/24/2015 | TBD | |
| Laboratory Analysis | TBD | TBD | |
| Data Validation | TBD | TBD | |

5. Historical and Background Information

Describe briefly what you know about the site that is relevant to sampling and analysis for this investigation.

In June 2014, Transmessis Columbia Plateau, LLC. abandoned their biodiesel production facility in Odessa, WA. The building and property is currently owned by Odessa Public Development Authority (OPDA). On March 3 and 10, Washington Department of Ecology (Ecology) performed a site walk documenting the conditions of the building and surrounds. The site contained an estimated 1,000 containers of various industrial and laboratory chemicals. The containers were various sizes up to 55 gallon drums, and were in various conditions from intact to punctured and leaking. Chemicals had, and were continuing to discharge to the environment at the site, primarily to the land surface. Commercial grade chemicals are primarily located outside on the property in large above ground storage tanks and 55 gal drums. Lab grade chemicals are located in an onsite laboratory in a property building. Several large (15,000+ gal) tanks are on site containing various process chemicals.

6. Conceptual Site Model

Example: Contaminant: Mercury

Transport Mechanism: vapor moving on air currents

Receptors: people living in the house

Contaminants:

Numerous known and unknown chemicals, including metals, flammables, corrosives, and reactive or oxidative agents. Known chemicals include: methanol, glycerin, sodium methylate, sodium hydroxide, sodium methoxide

Transport Mechanisms:

Vapors in air or releases to ground or surface water due to spills or reacting chemicals in containers. The ground is visibly impacted under and around containers on site. There is a nearby creek that adjoins the property.

Receptors:

Workers and residents adjoining the property. Wildlife transiting the area or utilizing the nearby creek.

7. Decision Statement

Examples: 1) Determine whether surface contamination exceeds the established action level;

2) Determine appropriate disposal options for contaminated materials.

The decision(s) to be made from this investigation is/are to:

 Determine if contaminated materials and/or containerized materials exhibit characteristics of hazardous wastes.

8. Action Level

State the analyte, concentration, and units for each selected action level. Describe the rationale for choosing each action level and its source (i.e. MTCA, PRG, ATSDR, etc.) Example: The action level for total mercury in soil is 6.7 mg/kg (from Regional Screening Level residential).

Ignitable liquid/vapors or flammable liquid with flashpoint <140 degrees Fahrenheit (F)

Combustible liquid with flashpoint >140 degrees and < 200 degrees F

Corrosive if pH less than or equal to 2 or greater than or equal to 12.5

II. Data Acquisition and Measurement Objectives

9. Site Diagram and Sampling Areas

A Sampling Area is an area within in which a specific action will be performed.

Examples: 1) Each drum on the site is a Sampling Area;

2) Each section of sidewalk in front of the residence is a Sampling Area;

3) Each sampling grid section is a Sampling Area.

- Each unknown/unlabeled container or lot of similar containers on site is a sampling area for First Step hazard classification. All unknown/unlabeled containers will be secured and staged awaiting First Step results.
- ERRS will direct sampling for disposal purposes
- (b) (7)(A)
- Two samples will be collected from each lot of similar containers for First Step hazard classification to determine if the lot contains similar product.
- Labeled containers will not be sampled if the contents appear to be unaltered.

A map of the site is provided below:



10. The Decision Rules

These can be written as logical If..., Then.. statements. Describe how the decisions will be made and how to address results falling within the error range of the action level. Examples: 1) In the Old Furnace Sampling Area, the soil in the area around the furnace structure will be excavated until sample analysis with XRF shows no mercury concentrations in surface soil above the lower limit of the error associated with the action level, 18.4 mg/kg. 2) If the concentrations of contaminants in a SA are less than the lower limit of the error associated with the action level, then the area may be characterized as not posing an unacceptable risk to human health or the environment and may be dismissed from additional RP activities. The area may be referred to other Federal, State or Local government agencies.

The following statement(s) describe the decision rules to apply to this investigation:

- If a material is determined to be hazardous waste based on hazard categorization testing and/or field instrument identification or if materials exceed applicable action levels, the materials may be characterized as posing an unacceptable risk to human health or the environment and may be subject to additional Removal Program activities.
- If a material is not determined to be hazardous waste based on hazard categorization testing and/or field instrument identification or if materials do not exceed applicable action levels, the materials may be characterized as not posing an unacceptable risk to human health or the environment and may or may not be subject to additional Removal Program activities.
- First Step results will be given to the Emergency and Rapid Response Services (ERRS)
 contractor for segregation, packaging, transport and disposal. The OSC will determine if
 additional sampling or off-site analysis is required.

11. Information Needed for the Decision Rule

What information needs to be collected to make the decisions – this includes non-sampling info as well: action levels, climate history, direction of water flow, etc. Examples: Current and future on-site and off-site land use; wind direction, humidity and ambient temperature; contaminant concentrations in surface soil.

The following statement(s) describe the decision rules to apply to this investigation:

Samples from discrete containers (or lots) must be collected and analyzed to inform decision making.

12. Sampling and Analysis

For each SA, describe:

- 1. sampling pattern (random, targeted, scheme for composite)
- 2. number of samples, how many to be collected from where, and why
- 3. sample type (grab, composite)
- 4. matrix (air, water, soil)
- 5. analytes and analytical methods
- 6. name and locations of off-site laboratories, if applicable.

- 1. Targeted samples of unknown/unlabeled containers
- 2. Number to be determined
- 3. Grab
- 4. Product
- First step hazard classification testing (analyses may include: presence of water, Water Solubility, reactivity, pH, Oxidizer, Sulfide, Cyanide, Flammability, Beilstein, iodine saturation, char test)
- 6. (b) (7)(A)

13. Applicability of Data (place an X in front of the data categories needed, explain with comments)

Do the decisions to be made from the data require that the analytical data be:

1) definitive data, 2) screening data (with definitive confirmation) or 3) screening data (without definitive confirmation)?

_X_A) Definitive data is analytical data of sufficient quality for final decision-making. To produce definitive data onsite or off-site, the field or lab analysis will have passed full Quality Control (QC) requirements (continuing calibration checks, Method Detection Limit (MDL) study, field duplicate samples, field blank, matrix spikes, lab duplicate samples, and other method-specific QC such as surrogates) AND the analyst will have passed a Precision and Recovery (PAR) study AND the instrument will have a valid Performance Evaluation sample on file. This category of data is suitable for: 1) enforcement purposes, 2) determination of extent of contamination, 3) disposal, 4) RP verification or 5) cleanup confirmation.

Comments:

_X_B) Screening data with definitive confirmation is analytical data that may be used to support preliminary or intermediate decision-making until confirmed by definitive data. However, even after confirmation, this data is often not as precise as definitive data. To produce this category of data, the analyst will have passed a PAR study to determine analytical error AND 10% of the samples are split and analyzed by a method that produced definitive data with a minimum of three samples above the action level and three samples below it.

Comments:

_X_C) Screening data is analytical data which has not been confirmed by definitive data. The QC requirements are limited to an MDL study and continuing calibration checks. This data can be used for making decisions: 1) in emergencies, 2) for health and safety screening, 3) to supplement other analytical data, 4) to determine where to collect samples, 5) for waste profiling, and 6) for preliminary identification of pollutants. This data is not of sufficient quality for final decision-making.

Comments:

14. Special Sampling or Analysis Directions

Describe any special directions for the planned sampling and analysis such as additional quality controls or sample preparation issues. Examples: 1) XRF and Lumex for sediment will be calibrated before each day of use and checked with a second source standard. 2) A field blank will be analyzed with each calibration to confirm the concentration of non-detection. 3) A Method Detection Limit determination will be performed prior to the start of analysis so that the lower quantitation limit can be determined. 4) If particle size is too large for accurate analyses, the samples will be ground prior to analysis. If the sample contains too much moisture for accurate analyses, the sample will be decanted and air dried prior to analysis.

- Container exteriors and any openings will be initially screened with a MultiRAE Pro combination PID/LEL/oxygen meter.
- Hazard category testing will be performed by trained START personnel.

15. Method Requirements

[Describe the restrictions to be considered in choosing an analytical method due to the need to meet specific regulations, policies, ARARs, and other analytical needs. Examples: 1) Methods must meet USEPA Drinking Water Program requirements. 2) Methods must achieve lower quantitation limits of less than 1/10 the action levels.3) Methods must be performed exactly as written without modification by the analytical laboratory.]

- Methods must be able to determine if the container contents are characteristic hazardous wastes per the Resource Conservation and Recovery Act (RCRA; 40 CFR Part 261).
- Segregation, packaging, labeling, placarding and transportation requirements to meet DOT regulations.

16. Sample Collection Information

[Describe any activities that will be performed related to sample collection]

The applicable sample collection Standard Operating Procedures (SOPs) or methods will be followed and include:

- Field Activity Logbook SOP
- First Step/Hazard Categorization Procedures
- Hazardous Waste Site Entry and Egress SOP
- · MultiRAE Quick Start Guide (QSG)/Manufacturer's Instructions
- Ludlum 192 QSG/Manufacturer's Instructions
- Drum Sampling SOP
- Sampling Equipment Decontamination SOP
- Sample Packaging SOP

START will also follow NEIC documentation when collecting samples for NEIC:

- NEICPROC/00-048R1 Container Sampling
- NEICPROC/00-059R3 Evidence Management

17. Optimization of Sampling Plan (Maximizing Data Quality While Minimizing Time and Cost)

[Describe what choices were made to reduce cost of sampling while meeting the needed level of data quality.

Example: The XRF will be used in situ whenever possible to achieve accurate results. Reproducibility and accuracy of in situ XRF analyses will be checked by collecting, air drying, analyzing and comparing five in situ samples at the start of sampling. Where interferences are suspected, steps will be taken to eliminate the interferences by mechanisms such as drying, grinding or sieving the samples or analyzing them using the Lumex with soil attachment.]

Field analytical methods for EPA First Step Hazard Categorization SOPs will be performed in the field to provide real-time field decisions and chemical segregation on site for ERRS.

The format for sample number identification is summarized in Table 1. Sample collection and analysis information is summarized in Table 2.

Table 1 SAMPLE CODING

Project Name: Odessa Biodiesel Site ID: 10NV

SAMPLE NUMBER (1)

| Digits | Description | Code (Example) | |
|----------|------------------|----------------|--|
| 8 digits | EPA 8 digit code | 15030001 | |
| | | | |

| | SAMPLE NAME / LOCATION ID ⁽²⁾ (Optional) | | | | | |
|-----|--|--|--|--|--|--|
| 1,2 | Sampling Area | BG – Background BK - Bucket DR – Drum TT – Tote TK – Tank BT – Tote Bag SI – Surface Impoundment TB – Trip Blank WP – Waste Pile | | | | |
| 3,4 | Consecutive Sample Number | 01 - First sample of Sampling Area | | | | |
| 5,6 | Matrix Code | AR – Air GW – Groundwater PR – Product SB – Subsurface Soil SD – Sediment SS – Surface Soil SW – Surface Water QC – Quality Control WT – Water | | | | |

Notes:

(1) The Sample Number is a unique, 8-digit number assigned to each sample.

(2) The Sample Name or Location ID is an optional identifier that can be used to further describe each sample or sample location.

Table 2. Sampling and Analysis

| Data Quality | Sampling Area | Matrix | Sampling Pattern | Sample Type | Data Quality | Number of Field Samples | Analyte or Parameter | Method Number | Action Level | Method Quant. Limit | #/type of Sample Containers per Sample | Preservative | Hold Time | Field QC |
|--------------------|--------------------------|---------|---------------------|----------------|-----------------|----------------------------|--|----------------|--|------------------------|---|--------------|-----------|----------|
| Field Screening | All Decision Areas | Product | Targeted | Grab | Screening | TBD | HazCat/First-Step tests (presence of water, Water Solubility, reactivity, pH, Oxidizer, Sulfide, Cyanide, Flammability, Beilstein, iodine saturation, char test) | HazCat | Ignitable Material: Flashpoint <140 (F) Flammable liquid: Flashpoint <140 (F) Combustible liquid FP >140 (F) and < 200 (F). Corrosive: pH ≤2 or ≥ 12.5 | N/A | 1 x 4 oz jar | N/A | N/A | None |
| Lab Analysis | All Decision Areas | Product | Targeted | Grab | Definitive | 17 | TBD | TBD by NEIC | TBD | TBD | 2 x 8oz jar | N/A | N/A | Duplica |

Note: For matrix spike and/or duplicate samples, no extra volume is required for air (unless co-located samples are collected), oil, product, or soil samples except soil VOC or NWTPH-Gx samples (triple volume). Triple volume is also required for organic water samples (double volume for inorganic).

III. Assessment and Response

A Sample Plan Alteration Form (SPAF) will be used to describe project discrepancies (if any) that occur between planned project activities listed in the final SSSP and actual project work. The completed SPAF will be approved by the OSC and QAC and appended to the original SSSP.

A Field Sampling Form (FSF) may be used to capture the sampling and analysis scheme for emergency responses in the field and then the FSF pages can be inserted into the appropriate areas of the final SSSP.

Corrective actions will be assessed by the sampling team and others involved in the sampling and a corrective action report describing the problem, solution, and recommendations will be forwarded to the OSC and the ERU QAC.

IV. Data Validation and Usability

The sample collection data will be entered into Scribe and Scribe will be used to print lab Chains of Custody. Results of field and lab analyses will be entered into Scribe as they are received and uploaded to Scibe.net when the sampling and analysis has been completed.

18. Data Validation or Verification will be performed by:

ERU's general recommendation on validation is that a minimum of CLP-equivalent stage IIA verification and validation be performed for every SSSP involving laboratory analyses. However, stage IIB is preferred if the lab can provide it. Dioxins should be validated at CLP-equivalent stage 4.

| | | Data | Verification | and Valida | ation Stag | es | |
|----------------------------|---|------|--------------|------------|------------|--------------|--------|
| Performed by: | 1 | IIA | IIB | III | IV | Verification | Other: |
| E and E QA Reviewer | | | | | | | |
| EPA Region 10 QA Office | | | | | | | |
| MEL staff | | | | | | | |
| Other: | | | | | | | |

This page intentionally left blank.

Attachment 1 Site Specific Data Management Plan

This page intentionally left blank.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 10

1200 Sixth Avenue, Suite 900 Seattle, Washington 98101-3140

OFFICE OF ENVIRONMENTAL CLEANUP EMERGENCY RESPONSE UNIT

| Region 10 Site-Specific Data Management Plan | | | | | | |
|--|------------------------------|---------------------|----------------------------|--|--|--|
| Project Name: | TransMessis Columbia Plateau | TDD Number/Site ID: | 15-03-0004 | | | |
| Author: | David Burford | Company: | Ecology & Environment, Inc | | | |
| Date Initiated: | March 11, 2015 | Last Updated: | March 18, 2015 | | | |

This data management plan (DMP) is intended to provide guidance for data collection by field personnel and subsequent data management activities. The data collection and management practices presented in this plan are designed to ensure data integrity and consistency for all data collection personnel and from operational period to the next. Listed in this DMP are data elements, data collection equipment, and data management processes, and end-use products appropriate for supporting the EPA On-Scene Coordinator (OSC). Electronic tools and files used during data management at the site may include a GPS with a data dictionary to gather site specific data, EDD files for laboratory results, an XRF database used to validate the data, field monitoring equipment (such as air monitoring equipment), a SCRIBE database to manage all field data and analytical results, and ArcGIS to manage geospatial data. Manual data entry or Excel spreadsheets will be used to incorporate field notes and historic data when electronic data is not available.

Planning:

| DQO# | Decision | Output | Data Stream | Tool/Instrument | Meet Decision? | Meet Output? |
|------|---|---------------------|---------------------|--------------------|----------------|--------------|
| 1 | Inventory and track onsite containers/storage locations for determination of fate | Container Inventory | Container Inventory | Data Recon Devices | Y | Y |
| 2 | Determine hazards of chemicals for disposal | HazCat Results | HazCat Results | Data Recon Devices | Υ | Υ |

Data Processing

The following table outlines the specific requirements for various data types being collected during the project.

| DQO # | Data Source | Required Information | Processing Instructions | Processing Frequency | Processing Responsibility | Storage Location | Final Output [format] | |
|---|-----------------------|--|---|-------------------------------------|--|--|---|--|
| | Site Documents | Site files, SSSP, SSDMP, logbook | File hard copies and electronic copies in indicated storage location | Beginning of project, and as needed | Project Manager | Digital: Comms Time Capsule Hard Copy: Site Doc Box | Site file deliverable | |
| Scribe Scribe .mdb Publish to scribe.net Daily or as needed | | | Project \(\sqrt{02 Execution\SCRIBE}\) | | scribe.net Project ID: Enter here Scribe .mdb file | | | |
| | Digital Photos | exported from Filemaker Files and stored in site | | Daily | Data Manager | \02 Execution\Photos | Photos [.jpg], Photographic log [.xls] | |
| | Sample Information | Sample No, Date, Time, Sampler, Location | Record into Scribe as needed | As Samples are added | Project Manager | Scribe | Chain-of-Custody forms, labels, tabular reports, and/or maps | |
| | GPS | Location, latitude, longitude | Data will be processed according to the GPS Data Processing SOP and uploaded into Scribe | Conclusion of project | Project Manager and GIS Analyst | Data: Scribe Raw: \02 Execution\GIS | Tabular reports [.xls] and/or maps [.pdf] | |

| DQO # | Data Source | Required Information | Processing Instructions | Processing Frequency | Processing Responsibility | Storage Location | Final Output [format] | |
|----------|------------------------|--|--|------------------------------------|------------------------------|--------------------------------------|---|--|
| | MultiRAE Pro | InstrumentID, Location, Mon_Time, Mon_Date, Mon_Parameter, Mon_Measurement Mon_Meas_Units | Import into Scribe according to applicable Data Processing Guides | Conclusion of project or as needed | Project Manager | Scribe | Tabular reports [.xls] | |
| | TVA 1000 | InstrumentID, Location, Mon_Time, Mon_Date, Mon_Parameter, Mon_Measurement Mon_Meas_Units | Import into Scribe according to applicable Data Processing Guides | Conclusion of project or as needed | Project Manager | Scribe | Tabular reports [.xls] | |
| 1 | Container Inventory | Container ID, size, percent full, and Hazard Category (if labeled). Containers will be inventoried by lots where possible. | Incorporate new and updated records into the master Container Inventory Database. Join HazCat results to file. Perform a daily backup. | Daily | Project Manager | \02 Execution\Field Forms\ Inventory | Database [.fmp12] | |
| 2 | HazCat Results | All FirstStep parameters Filemaker file will be exported from the data collection device and imported into the master database. | | Daily | Data Manager | 02 Execution\Field Forms\HazCat | Database [.fmp12] Tabular reports [.xls] | |

All electronic files will be written to a CD-ROM or DVD and provided to the Task Monitor. Hard copy files will be assembled and provided to the Task Monitor. Hard copy files will include, but are not limited to logbooks and field forms.

Reporting Requirements

| Reporting Task | Data Inputs | Deliverables Format | Frequency | Responsibility |
|----------------------------|---------------------|---------------------|-----------|-----------------|
| Container Inventory Report | Container Inventory | Report [.pdf] | Daily | Data Management |
| HazCat Results from ERRS | HazCat Results | Table [.xls] | Daily | Data management |

Document Revision Summary

| Revision | Date | Description of change |
|-------------------------|---------|-------------------------------------|
| Initial Release (V 1.0) | 3/11/15 | Updated Format |
| 1.1 | 3/18/15 | Removed instrumentation not on site |